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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:121206 CAPLUS

DOCUMENT NUMBER: 142:214271

TITLE: A fluorometric assay for measuring cytochrome P 450
aromatase activity using a substrate labeled by a
fluorescent dye, and drug screening and diagnostic
uses

INVENTOR(S): Whateley, John Gerard; Ismail, Rahman Aziz; Laughton,
Peter Gordon

PATENT ASSIGNEE(S): Amersham Biosciences UK Limited, UK

SOURCE: PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012901	A2	20050210	WO 2004-GB3341	20040730
WO 2005012901	A3	20050728		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004262130	A1	20050210	AU 2004-262130	20040730
CA 2529669	A1	20050210	CA 2004-2529669	20040730
EP 1649283	A2	20060426	EP 2004-767965	20040730
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
JP 2007500182	T	20070111	JP 2006-521676	20040730
US 20070184429	A1	20070809	US 2006-561817	20061207
PRIORITY APPLN. INFO.:			GB 2003-17743	A 20030730
			WO 2004-GB3341	W 20040730

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 142:214271; MARPAT 142:214271

AB The present invention relates to compds. useful for measuring aromatase (cytochrome P 450 19A1) activity. The compound of the invention comprises a fluorescent dye mol., an optional linkage group, and a substrate group of the aromatase. Preparation of fluorescent aromatase substrates is disclosed. The invention further provides methods for measuring aromatase activity for diagnostic uses and for screening test agents which modulate aromatase activity. A kit is also provided for use in such screening methods.

IT 840524-52-9

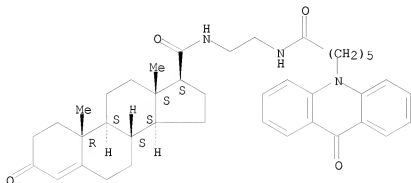
RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
(fluorometric assay for measuring cytochrome P 450 aromatase activity
using substrate labeled by fluorescent dye, and drug screening and
diagnostic uses)

RN 840524-52-9 CAPLUS

10/561,817

CN Androst-4-ene-17-carboxamide, 3-oxo-N-[2-[[1-oxo-6-(9-oxo-10(9H)-acridinyl)hexyl]amino]ethyl]-, (17 β)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 840524-60-9P

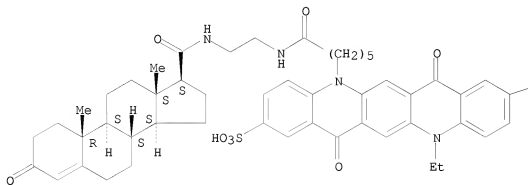
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)
(fluorometric assay for measuring cytochrome P 450 aromatase activity using substrate labeled by fluorescent dye, and drug screening and diagnostic uses)

RN 840524-60-9 CAPLUS

CN Quino[2,3-b]acridine-2,9-disulfonic acid,
5-ethyl-5,7,12,14-tetrahydro-7,14-dioxo-12-[6-oxo-6-[[2-[[[(17 β)-3-oxoandrost-4-en-17-yl]carbonyl]amino]ethyl]amino]hexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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PAGE 1-B

—SO₃H

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REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
RE CITED REFERENCES
(1) Anon; WO 02099424 A2 CAPLUS
(2) Anon; WO 03020294 A1 CAPLUS

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(FILE 'HOME' ENTERED AT 14:08:28 ON 21 JAN 2010)

FILE 'REGISTRY' ENTERED AT 14:08:47 ON 21 JAN 2010

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 2 S L1 FULL

FILE 'CAPLUS' ENTERED AT 14:09:31 ON 21 JAN 2010

L4 1 S L3

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L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

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